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Form PTO-1449		
ATTY DOCKET NO. 45-93A	SERIAL NO. 09/326,106	FILING DATE June 4, 1999
APPLICANT Gebeyehu and Jessee		GROUP 163 1631

U.S. PATENT DOCUMENTS

Exmr. Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AM	5,208,036	05/04/93	Eppstein et al.	424	450	
↓	5,171,678	12/15/92	Behr et al.	435	172.3	
	5,049,386	09/17/91	Eppstein et al.	424	427	
	4,946,787	08/07/90	Eppstein et al.	435	240.2	
↓	4,897,355	01/30/90	Eppstein et al.	435	240.2	

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes/No
AM	91/16024	10/31/91	WO		
↓	91/15501	10/17/91	WO		
↓	0 394 111	10/24/90	EP		

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

AM	Barthel, F. et al. (1993), "Gene Transfer Optimization with Lipospermine-Coated DNA," DNA and Cell Biology 12(6):553-560
↓	Behr, J.-P. et al. (1989), "Efficient gene transfer into mammalian primary endocrine cells with lipopolyamine-coated DNA," Proc. natl. Acad. Sci. USA 86:6982-6986
↓	Duzgunes, N. et al. (1989), "Fusion of Liposomes containing a Novel Cationic Lipid, N-[2,3-(Dioleloxy)propyl]-N,N,N-trimethylammonium: Induction by Multivalent Anions and Asymmetric Fusion with Acidic Phospholipid Vesicles," Biochemistry 28:9179-9184
↓	Felgner, P.L. et al. (1987), "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure," Proc. Natl. Acad. Sci. USA 84:7413-7417
↓	Gao, X. et al. (1991), "A Novel Cationic Liposome Reagent for Efficient Transfection of Mammalian Cells," Biochim. Biophys. Res. Comm. 179:280-285



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AM			Loeffler, J.-P. et al. (1993), "Gene Transfer into Primary and Established Mammalian Cell Lines with Lipopolyamine-Coated DNA," Methods Enzymol. 217:599-618
			Zhou, X. et al. (1991), "Lipophilic polylysines mediate efficient DNA transfection in mammalian cells," Biochim. Biophys. Acta 1065:8-14
			Sigma Chemical Catalog, (1990) Published by the Sigma Chemical Co., St. Louis, MO, pp. 560, 570, 670 and 671
			Felgner et al. (1993) Keystone Symposium on Genetic Targeted Research and Therapeutics: Antisense and Gene Therapy, Keystone, CO; J. Cell. Biochem. Suppl. 0(17 Part E), p. 206, S306
			Lehninger (1970) Biochemistry (Published by Worth Publishers, Inc., New York, NY, pp. 69-71
V			Sigma Chemical Catalog (1990) Published by the Sigma Chemical Co., St. Louis, MO, p. 1107
EXAMINER <i>Andin Marsden</i> DATE CONSIDERED 4/28/00			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

12/20/89